Fifth Grade Math Expectations – First Quarter

**Dear Parents,**

Your child is beginning an exciting year in math.

For the next several weeks, your child will be answering the questions:

Your child will learn the following:

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| Perform operations with multi-digit whole numbers and with decimals to hundredths. |
| Students will find whole number quotients, using strategies based on place value, the properties of operation, and /or the relationship between multiplication and division. |
| Use equivalent fractions as a strategy to add and subtract fractions. |
| Students will add and subtract fractions with unlike denominators. For example: 2/3 + 1/4 = 8/12 + 3/12.  Students will solve word problems involving addition and subtractions of fractions referring to the same whole. |
| Convert like measurement units within a given measurement system. |
| Students will convert among different-sized standard measurement units within a given measurement system and use these conversions to solve multi-step, real world problems  Students will make a line plot to display a data set of measurement in fractions of a unit (1/2, 1/4, 1/8). Use addition and subtraction to solve problems involving information presented in the line plot. |
| Classify two-dimensional figures into categories based on their properties. |
| Students will understand that attributes belonging to a category of two-dimensional figures also belong to all sub-categories of that category. For example: all rectangles have four right angles and squares are rectangles, so all squares have four right angles  Students will classify two-dimensional figures in a hierarchy based on properties. |

Batesville Public Schools 5/31/12